

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: 7,016,164  
Issued: March 21, 2006  
Name of Patentee: Hardayal Singh Gill

Title of Invention: Hard Bias Structure With Enhanced HC

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR PTO MISTAKE (37 C.F.R. § 1.322(a))

1. Attached is PTO/SB/44 in a form suitable for printing.
2. The exact page and line number where the errors are shown correctly in the application file are:

In the claims:

col. 11, line 37 change "layer" to --layers--;  
col. 11, line 37 change "antiparelllel" to --antiparallel--;  
col. 11, line 45 change "layer" to --layers--;  
col. 12, line 40 before "antiparallel (AP)" insert --an--;  
col. 12, line 41 after "pinned layer" remove the comma;  
col. 12, line 47 change "pinned layers structure" to --pinned layer structures--;  
col. 14, line 4 after "wherein the" insert --head--.

3. It is noted that the above identified errors were typographical errors that apparently occurred during the printing process. Accordingly, it is believed that no fees are due in connection with the filing of this Request for Certificate of Correction. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-2587 (Order No. HSJ920030078US1).
4. Please send the Certificate to:

Name: Dominic M. Kotab  
Address: Zilka-Kotab, PC  
P.O. Box 721120  
San Jose, CA 95172  
USA

/Dominic M. Kotab/

Dominic M. Kotab, Attorney of Record

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,016,164  
DATED : Mar. 21, 2006  
INVENTOR(S) : Gill

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the claims:

- col. 11, line 37 change "layer" to --layers--;
- col. 11, line 37 change "antiparellel" to --antiparallel--;
- col. 11, line 45 change "layer" to --layers--;
- col. 12, line 40 before "antiparallel (AP)" insert --an--;
- col. 12, line 41 after "pinned layer" remove the comma;
- col. 12, line 47 change "pinned layers structure" to --pinned layer structures--;
- col. 14, line 4 after "wherein the" insert --head--.

MAILING ADDRESS OF SENDER:

Zilka-Kotab, PC  
P.O. Box 721120  
San Jose, California 95172-1120

PATENT NO. 7,016,164

No. of additional copies

⇒ 1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 10 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,016,164  
DATED : Mar. 21, 2006  
INVENTOR(S) : Gill

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the claims:

- col. 11, line 37 change "layer" to --layers--;
- col. 11, line 37 change "antiparellel" to --antiparallel--;
- col. 11, line 45 change "layer" to --layers--;
- col. 12, line 40 before "antiparallel (AP)" insert --an--;
- col. 12, line 41 after "pinned layer" remove the comma;
- col. 12, line 47 change "pinned layers structure" to --pinned layer structures--;
- col. 14, line 4 after "wherein the" insert --head--.

MAILING ADDRESS OF SENDER:

Zilka-Kotab, PC  
P.O. Box 721120  
San Jose, California 95172-1120

PATENT NO. 7,016,164

No. of additional copies

⇒ 1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 10 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**